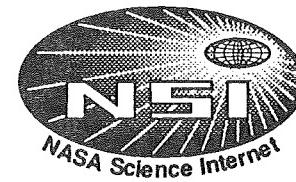
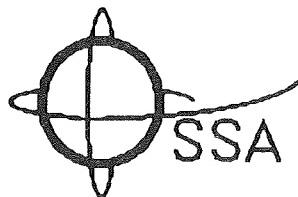


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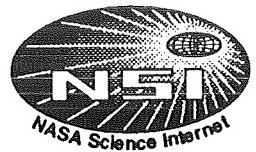


NSI Engineering Review February 12, 1991

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Information & Communication Systems Division
AMES RESEARCH CENTER

31022-19N





Outline

- * Connectivity Status
- * Site Upgrades Plans & Progress

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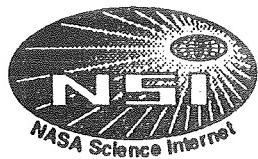


New Connections

Tail Site

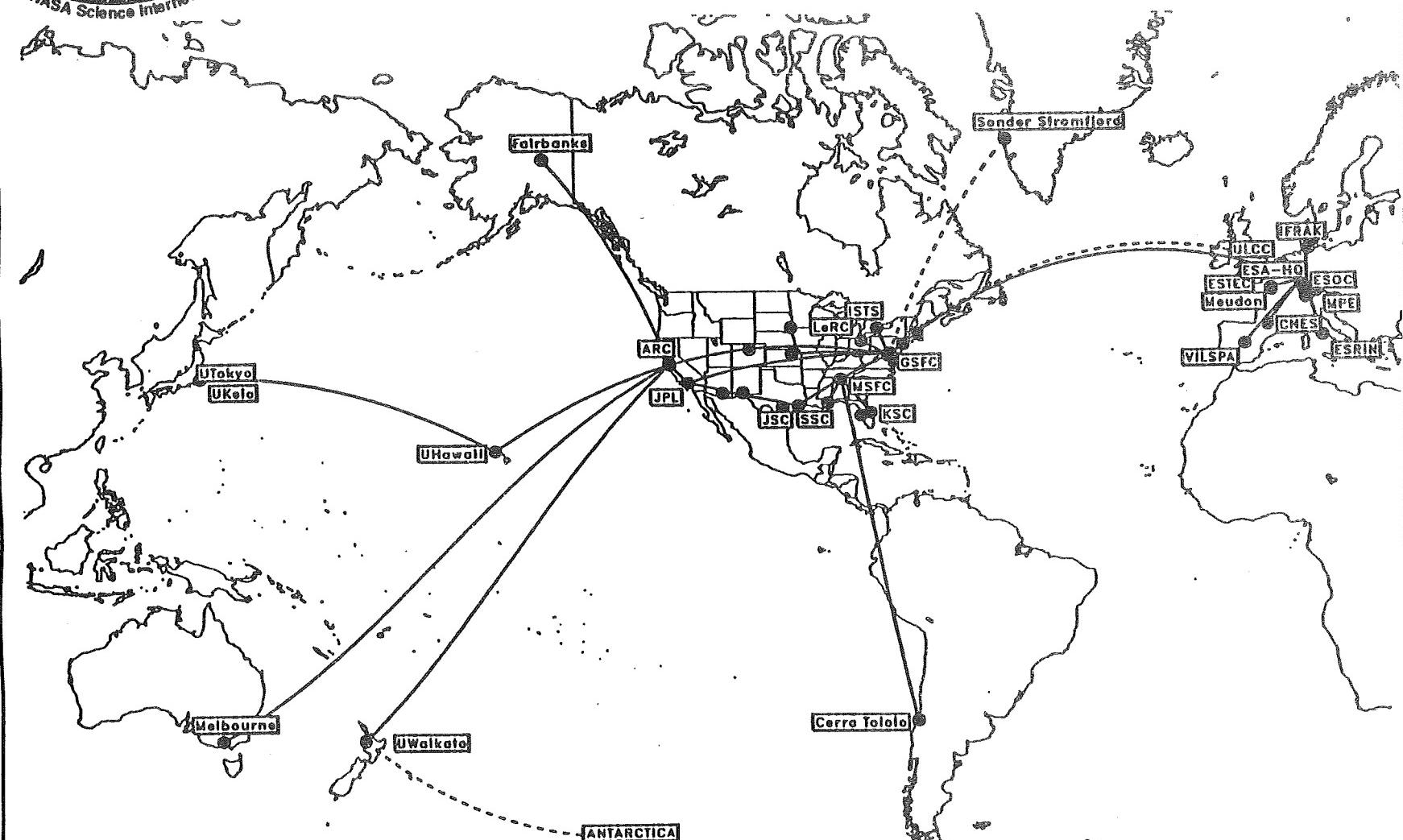
National Geodetic Survey, MD
Scientific & Technical Information Facility, MD
Ford Aerospace, MD
University South Florida, FL
Gilmore Creek Geophysical Observatory, AK
University Alaska Geophysical Institute, AK
Cerro Tololo Inter-American Observatory, Chile
Big Bear Solar Observatory, CA
STX, MD
Rice University, TX
University Montana
World Weather Building, MD
Space Telescope Science Institute, MD
Carnegie Institute of Washington, DC
United States Geological Survey, Az
Ellery Systems Incorporated, CO

<u>Hub Site</u>	<u>Bandwidth</u>	<u>Path</u>
GSFC	56Kb/s	Terr.
GSFC	56Kb/s	Terr.
GSFC	56Kb/s	Terr.
KSC	56Kb/s	Terr.
ARC	56Kb/s	Sat.
GCGO	56Kb/s	Terr.
MSFC	56Kb/s	Sat.
ARC	56Kb/s	Terr.
GSFC	T1	Terr.
JSC	T1	Terr.
ARC	9.6Kb/s	Terr.
GSFC	56Kb/s	Terr.
GSFC	T1	Terr.
GSFC	9.6Kb/s	Terr.
JPL	56Kb/s	Terr.
NCAR	56Kb/s	Terr.



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Upgrades Scheduled for 1991

GSFC-Brown Univ. (*)	JPL-NPGS (P^56)
GSFC-Cornell Univ. (P^56)	JPL-Univ. Arizona (PRT1)
GSFC-NASA HQ (*DP56)	JPL-USGS, Flagstaff (*56)
GSFC-ST Systems (*T1)	JPL-Aerospace Corp. (U)
GSFC-Univ. MD (*ET1)	JPL-NOAO, Az. (*56)
GSFC-Carnegie Mellon (U)	JPL-PSI, Az. (P)
GSFC-NRL (P^)	ARC-ISAS, Japan (PR56)
GSFC-Univ. Rhode Island (P^56)	JSC-Univ. Colorado (P)
GSFC-Penn. St. (P^56)	JSC-LANL (U)
GSFC-NRAO (U)	JSC-NCAR (P)
MSFC-Utah St. (U)	JSC-SWRI (U)
MSFC-Univ. Minn. (P^56)	JSC-Rice Univ. (U)
MSFC-Univ. Chicago (P^56)	
MSFC-LSU (PR56)	

* = Complete

P = In Progress

DP = Dual Protocol

T1 = 1.544Mb/s

U = Under Review

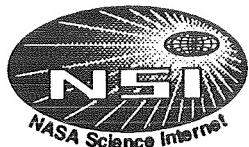
^ = Circuit upgrade planned

E = DECnet Encapsulation

R = Request for service issued

56 = 56Kb/s

() = Status



Upgrades Scheduled for 1992 & 1993

Upgrades for 1992

GSFC- Univ. Delaware
GSFC-Univ. New Hampshire
GSFC-WHOI, Mass.
GSFC-Yale University
MSFC-USRA, Ala.
MSFC-Univ. Wisconsin
MSFC-Washington Univ.
JPL-RAND Corp., CA
MSFC-EROS at USGS, SD

Upgrades for 1993

GSFC-Dartmouth Univ., N.H.
GSFC-Grumman, N.Y.
GSFC-MIT, Mass.
GSFC-NRC, Canada
GSFC-NOAA/WDC
GSFC-USGS, Reston
GSFC-Univ. of Delaware, Lewes
MSFC-Augsburg College, Minn.
MSFC-Florida St. Univ.
MSFC-Univ. of Kansas
MSFC-Univ. of Mich.
JPL-Oregon St. Univ.